

LISTING OF THE CLAIMS:

1. (Currently Amended) An Mg material comprising a matrix with a C long-fiber reinforcement wherein the C long fibers are provided with a thin layer, wherein at least one element of the layer material forms a homogeneous chemical reaction layer with the respective C long fiber, ~~characterised in that~~ wherein the thin layer forms a diffusion barrier so that the local formation of relatively coarse reaction products of alloying elements from the matrix with the C long fibers is prevented insofar as the layer material of the thin layer is formed by at least one of the following carbide-forming agents, Al, Cr, Ti, Ta, Nb, Hf and Zr or the layer material of the thin layer is formed by alloys on an Ni basis, which contain carbide-forming agents.
2. (Currently Amended) An Mg material as set forth in ~~one of claims 1 through 4~~ Claim 1, ~~characterised in that~~ wherein the thin layer is selectively produced by a PVD or CVD process.
3. (Currently Amended) An Mg material as set forth in claim 2, ~~characterised in that~~ wherein the thin layer is applied to the C long fibers by sputtering.
4. (Currently amended) An Mg material as set forth in claim 2, ~~characterised in that~~ wherein the thin layer is selectively applied to the C long fibers galvanically, wet-chemically or by a currentlessly electrochemical process.

5. (Currently Amended) An Mg material as set forth in ~~one of claims 1 through 4~~ characterised in that Claim 1, wherein the thin layer is of a thickness in the range of between some nm and some μm .
6. (Currently Amended) Use of an Mg material as set forth in ~~one of claims 1 through 5~~ Claim 1 for the production of pistons of internal combustion engines.
7. (Currently Amended) Use of an Mg material as set forth in ~~one of claims 1 through 5~~ Claim 1 for the production of connecting rods of internal combustion engines.
8. (Currently Amended) Use of an Mg material as set forth in ~~one of claims 1 through 5~~ Claim 1 for the production of propulsion bases for sub-caliber projectiles.